



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/803,273
Filing Date	March 18, 2004
First Named Inventor	Richard W. Foote
Art Unit	2812 2823
Examiner Name	Not Yet Assigned <i>Ferguson</i>
Attorney Docket Number	P05827

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>F</i>	AA	US- 4,631,803	12/30/1986	Hunter et al.	
<i>F</i>	AB	US- 4,835,115	05/30/1989	Eklund	
<i>F</i>	AC	US- 4,983,226	01/08/1991	Hunter et al.	
<i>F</i>	AD	US- 5,106,777	04/21/1992	Rodder	
<i>F</i>	AE	US- 5,358,891	10/25/1994	Tsang et al.	
<i>F</i>	AF	US- 5,448,102	09/05/1995	Gaul et al.	
<i>F</i>	AG	US- 5,468,676	11/21/1995	Madan	
<i>F</i>	AH	US- 5,474,953	12/12/1995	Shimizu et al.	
<i>F</i>	AI	US- 5,683,908	11/04/1997	Miyashita et al.	
<i>F</i>	AJ	US- 5,872,044	02/16/1999	Hemmenway et al.	
<i>F</i>	AK	US- 5,874,317	02/23/1999	Stolmeijer	
<i>F</i>	AL	US- 5,920,108	07/06/1999	Hemmenway et al.	
<i>F</i>	AM	US- 6,069,057	05/30/2000	Wu	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	<i>Ferguson</i>	Date Considered	8/19/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

Application Number	10/803,273
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First Named Inventor	Richard W. Foote
Art Unit	2842 2823
Examiner Name	Not Yet Assigned <i>Fourson</i>
Attorney Docket Number	P05827

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
G	BA	Naresh Thapar et al., "Elimination of the "Birds Beak" in Trench MOS-Gate Power Semiconductor Devices", Power Semiconductor Research Center, 1996 IEEE, Pp. 83-86.	
G	BB	G. Fallico et al., "A New Process for Defect-Free Definition of Active Areas in Deep Trench Isolated Bipolar Devices", Microelectronic Engineering 15 (1991) Pp. 655-658.	
G	BC	R. Bashir et al., "PLATOP: A Novel Planarized Trench Isolation and Field Oxide Formation Using Poly-Silicon", IEEE Electron Device Letters, Vol. 17, No. 7, July 1996, Pp. 352-354.	
G	BD	H. Bernhard Pogge, "The Spaces Between the Functions On a Chip", Chemtech, March 1986, Pp. 168-173.	
G	BE	R. Jerome et al., "The Effect of Trench Processing Conditions on Complementary Bipolar Analog Devices with SOI/Trench Isolation", IEEE 1993 Bipolar Circuits and Technology Meeting 3.2, Pp. 41-44.	
	BF		
	BG		
	BH		
	BI		
	BJ		

Examiner Signature	<i>Fourson</i>	Date Considered	8/19/05
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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